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NOVEON
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IPEX, INC.
LARRY GILL
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Re: Description: PIPES AND FITTINGS, CPVC
Manufacturer: IPEX, INC.
Product Name: IPEX CORZAN CPVC PIPE AND FITTINGS
Model Number(s): SCHEDULE 80 PIPE (ASTM F 441 / F 441M) AND FITTINGS (ASTM F 437 OR F 439) IN
3", 4", 6", 8", 10" and 12" SIZE.
Product File No: 20060316

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. Comm 84.30 (4)(e)1 based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of August 2011.

This alternate approval is contingent upon compliance with the following stipulation(s):

- Piping shall be labeled at intervals of not more than 5 feet with nominal pipe size, type of pipe material, Schedule 80, pressure rating in psi at 73 degrees F., ASTM F 441 and/or F 441M, the manufacturer's name or trade mark, the mark of the certifying agency for use with potable water.
- The fittings that conform to ASTM F 439 shall be labeled with manufacturer's name or trade mark, material designation CPVC for CPVC 23447 and CPVC 42 for CPVC 23448, the seal or mark of the laboratory making the evaluation for potable water contact, size, and this designation "F 439," with which the fitting complies.

Where the size of the fitting does not allow complete marking, omit identification marking in the following sequence: size, material designation, F 439, and the manufacturer's name or trademark.

- The fittings that conform to ASTM F 437 shall be labeled with manufacturer's name or trade mark, material designation CPVC for CPVC 23447, the seal or mark of the laboratory making the evaluation for potable water contact, size, and this designation "F 437," with which the fitting complies.

Where the size of the fitting does not allow complete marking, omit identification marking in the following sequence: size, material designation, F 437, and the manufacturer's name or trademark.

- This product may be installed for the following water use(s):
 - a. Cold water distribution piping Aboveground
 - b. Cold water distribution piping Underground
- Pipe sizing for this product must comply with Table IPEX INC., Corzan CPVC Pipe. Table notes: WSFU means water supply fixture units, GPM means gallons per minute, FM means predominately flushometer type water closets or syphon jet urinals, FT means predominately flush tank type water closets or wash down urinals, and NP means not permitted.

Table IPEX INC., Corzan CPVC Pipe
Maximum Allowable Load for IPEX INC., Corzan CPVC, Sch. 80; (C=150)

Pressure Loss Due to Friction (in lbs. per 100 ft. of Length)	Pipe Diameter (in Inches)								
	3			4			6		
	WSFU			WSFU			WSFU		
	GPM	FM	FT	GPM	FM	FT	GPM	FM	FT
0.25	40	30	86	84	165	295	247	1315	1315
0.5	58	70	225	122	375	485	359	2352	2352
0.75	72	126	240	151	560	646	447	3161	3161
1	84	165	295	177	754	794	522	3966	3966
1.25	95	217	350	199	918	931	589	4941	4941
1.5	105	272	400	220	1094	1094	NP		
1.75	114	325	445	239					
2	123	381	490	257					
2.25	131	431	533	274					
2.5	138	475	572	NP					
2.75	146	527	617						
3	153	572	655						
3.25	NP								

Table IPEX INC., Corzan CPVC Pipe
Maximum Allowable Load for IPEX INC., Corzan CPVC, Sch. 80; (C=150)
(continued)

Pressure Loss Due to Friction (in lbs. per 100 ft. of Length)	Pipe Diameter (in Inches)								
	8			10			12		
	WSFU			WSFU			WSFU		
	GPM	FM	FT	GPM	FM	FT	GPM	FM	FT
0.25	519	3935	3935	943	*	*	1489	*	*
0.5	754	*	*	1371	*	*	2165	*	*
0.75	939	*	*	1706			NP		
1	1096	*	*	NP					
1.25	NP								

Notes: NP means Not Permitted

* means that WSFU must be determined by calculations

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

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